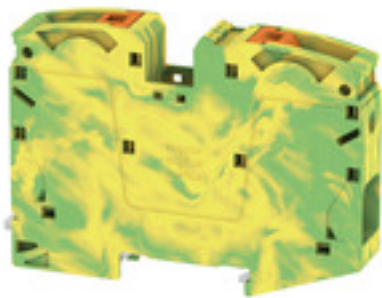


A2C 35 PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Version	PE terminal, PUSH IN, 35 mm ² , 1000 V, Green/yellow
Order No.	2551520000
Type	A2C 35 PE
GTIN (EAN)	4050118680201
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Depth	71.5 mm	Depth (inches)	2.815 inch
Height	101 mm	Height (inches)	3.976 inch
Net weight	109.905 g	Width	16 mm
Width (inches)	0.63 inch		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	Green/yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Wire cross section max. (ATEX)	35 mm ²	Wire cross section max. (IECEX)	35 mm ²

System specifications

End cover plate required	No	Number of levels	1
Number of clamping points per level	2	Rail	TS 35
N-function	No	PE function	Yes
PEN function	Yes		

Additional technical data

Snap-on	Yes	Type of fixing	Snap-on
Type of mounting	TS 35, Snap-on		

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	35 mm ²
Clamping range, min.	2.5 mm ²	Connection cross-section, stranded, max.	35 mm ²
Connection cross-section, stranded, min.	10 mm ²	Connection direction	on side
Number of connections	2	Stripping length	25 mm
Twin wire-end ferrules, max.	10 mm ²	Twin wire-end ferrules, min.	2.5 mm ²
Type of connection	PUSH IN	Wire connection cross section AWG, max.	AWG 2
Wire connection cross section AWG, min.	AWG 12	Wire connection cross section, finely stranded, max.	35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	2.5 mm ²

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Technical data**General**

Operating temperature range, max.	130 °C	Operating temperature range, min.	-50 °C
Rail	TS 35	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 2	Wire connection cross section AWG, min.	AWG 12

Rating data

Rated cross-section	35 mm ²	Rated voltage	1,000 V
Rated voltage to adjoining terminal	1,000 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.26 mΩ	Power loss in accordance with IEC 60947-7-x	4 W
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	2 AWG
Conductor size Factory wiring min. (cURus)	12 AWG	Conductor size Field wiring max. (cURus)	2 AWG
Conductor size Field wiring min. (cURus)	12 AWG	Voltage size B (cURus)	1000 V
Voltage size C (cURus)	1000 V	Voltage size D (cURus)	600 V

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ECLASS 9.0	27-14-11-41	ECLASS 9.1	27-14-11-41
ECLASS 10.0	27-14-11-41	ECLASS 11.0	27-14-11-41

Approvals

Approvals



UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate ATEX Certificate EAC EX Certificate CCC Ex Certificate EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN
User Documentation	StorageConditionsTerminalBlocks
Brochure/Catalogue	Catalogues in PDF-format

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Drawings

Electric symbol

